

Substitute for form 144B/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

3

Complete if Known

Application Number

09/840,485

Filing Date

April 23, 2001

First Named Inventor

Bigbie et al.

Group Art Unit

to be assigned

Examiner Name

to be assigned

RECEIVED

AUG 20 2001

Attorney Docket Number

AM100123 TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (If Known)	Kind Code (If Known)			
KSS	1.	6,110,665		Fenger et al.	08/29/00	
KSS	2.	6,153,394		Mansfield et al.	11/28/00	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (If Known)				
KSS	3.	WO 00/17640		PCT	03/30/00			<input type="checkbox"/>
KSS	4.	WO 00/49049		PCT	08/24/00			<input type="checkbox"/>
KSS	5.	WO 01/15708 A1		PCT	03/08/01			<input type="checkbox"/>
KSS	6.	WO 97/29770		PCT	08/21/97			<input type="checkbox"/>

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.						T
		Office	Number					
KSS	7.	Cheadle et al., Int'l Journal for Parasitology 31 (2001) 330-335, The nine-banded armadillo (<i>Dasypus novemcinctus</i>) is an intermediate host for <i>Sarcocystis neurona</i>						<input type="checkbox"/>
KSS	8.	Paola Minoprio, Int'l Journal for Parasitology 31 (2001) 588-591, Parasite polyclonal activators: new targets for vaccination approaches?						<input type="checkbox"/>
KSS	9.	Saville et al., Veterinary Parasitology 95 (2001) 211-222, Utilization of stress in the development of an equine model for equine protozoal myelocephalitis						<input type="checkbox"/>
KSS	10.	Lindsay, et al., Veterinary Parasitology 95 (2001) 179-186, Direct agglutination test for the detection of antibodies to <i>Sarcocystis neurona</i> in experimentally infected animals						<input type="checkbox"/>
KSS	11.	Cheadle et al., Veterinary Parasitology 95 (2001) 305-311, Sporocyst size of isolates of <i>Sarcocystis</i> shed by the Virginia opossum (<i>Didelphis virginiana</i>)						<input type="checkbox"/>
KSS	12.	J. P. Dubey, Veterinary Parasitology 95 (2001) 341-351, Migration and development of <i>Sarcocystis neurona</i> in tissues of interferon gamma knockout mice fed sporocysts from a naturally infected opossum						<input type="checkbox"/>
KSS	13.	Porter, et al., Veterinary Parasitology 95 (2001) 313-319, Evaluation of the shedding of <i>Sarcocystis falcatula</i> sporocysts in experimentally infected Virginia opossums (<i>Didelphis virginiana</i>)						<input type="checkbox"/>
KSS	14.	Dubey et al., Veterinary Parasitology 95 (2001) 283-293, Prevalence of <i>Sarcocystis neurona</i> sporocysts in opossums (<i>Didelphis virginiana</i>) from rural Mississippi						<input type="checkbox"/>
KSS	15.	Mansfield et al., Veterinary Parasitology 95 (2001) 167-178, Comparison of <i>Sarcocystis neurona</i> isolates derived from horse neural tissue						<input type="checkbox"/>
KSS	16.	Cook, et al., Veterinary Parasitology 95 (2001) 187-195, Interpretation of the detection of <i>Sarcocystis neurona</i> antibodies in the serum of young horses						<input type="checkbox"/>
KSI	17.	Vardeleon et al., Veterinary Parasitology 95 (2001) 273-282, Prevalence of <i>Neospora hughesi</i> and <i>Sarcocystis neurona</i> antibodies in horses from various geographical locations						<input type="checkbox"/>
KSI	18.	Cutler et al., Veterinary Parasitology 95 (2001) 197-210, Immunoconversion against <i>Sarcocystis neurona</i> in normal and dexamethasone-treated horses challenged with <i>S. neurona</i> sporocysts						<input type="checkbox"/>
KSI	19.	Cutler, et al., J. Parasitology 85(2) 1999 301-305, Are <i>Sarcocystis neurona</i> and <i>Sarcocystis falcatula</i> synonymous? A horse infection challenge						<input type="checkbox"/>
KSI	20.	Rossano et al., J Vet Diagn Invest 12:28 - 32 (2000), Improvement of western blot test specificity for detecting equine serum antibodies to <i>Sarcocystis neurona</i>						<input type="checkbox"/>
KSI	21.	Gauthier et al., J Vet Diagn Invest 11:259-265 (1999), Western immunoblot analysis for distinguishing vaccination and infection status with <i>Borrelia burgdorferi</i> (Lyme disease) in dogs.						<input type="checkbox"/>
KSI	22.	Lindsay, et al., J Parasitology 86(1) 2000 164-166, Determination fo the Activity of Diclazuril Against <i>Sarcocystis neurona</i> and <i>Sarcocystis falcatula</i> in Cell Cultures						<input type="checkbox"/>

Examiner Signature	<i>Kubelis</i>	Date Considered	9/22/01
--------------------	----------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 144B/PTO O I P E J C 133 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Sheets JUL 19 2001 (use as many sheets as necessary)			Complete if Known	
			Application Number	09/840,485
			Filing Date	April 23, 2001
			First Named Inventor	Bigbie et al.
			Group Art Unit	to be assigned
			Examiner Name	to be assigned
			Attorney Docket Number	AM100123
			RECEIVED AUG 20 2001 TECH CENTER 1600/2900	

PATENT & TRADEMARK OFFICE

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
KSS	23.	Dubey et al., J Parasitology 86(1) 2000 160-163, Isolation of Sarcocystis speeri Dubey and Lindsay, 1999 Parasite from the south American Opossum (Didelphis albiventris) from Argentina	<input type="checkbox"/>
KSS	24.	Reed et al., AAEP Proceedings vol 42 1996 75-78, Equine Protozoal Encephalomyelitis	<input type="checkbox"/>
KSS	25.	Dubey et al., J Parasitology 86(6) 2000 1276-1280, Completion of the Life Cycle of Sarcocystis Neurona	<input type="checkbox"/>
KSS	26.	Dubey et al., J Parasitology 86(5) 2000 1150-1152, Immunohistochemical Confirmation of Sarcocystis neurona Infections in raccoons, Mink, Cat, Skunk, and Pony	<input type="checkbox"/>
KSS	27.	Dame et al., Parasitol Res 2000 86: 940-943, Equine protozoal myeloencephalitis: mystery wrapped in enigma	<input type="checkbox"/>
KSS	28.	Saville et al., JAVMA vol 217 No 8, 2000, 1174-1185, Analysis of risk factors for the development of equine protozoal myeloencephalitis in horses	<input type="checkbox"/>
KSS	29.	Dubey et al., J Parasitology 84(16), 1998 1158-1164, Isolation of a Third species of Sarcocystis in Immunodeficient mice fed Feces from Opossums (Didelphis Virginiana) and its Differentiation from Sarcocystis Falcatula and Sarcocystis Neurona	
KSS	30.	Cutler et al., J Parasitology 85(2) 1999 301-305, Are Sarcocystis Neurona and Sarcocystis Falcatula Synonymous? A horse Infection Challenge	
KSS	31.	Dubey et al., J Eukaryot. Microbiol. 46(5) 1999 500-506, Characterization of a Sarcocystis neurona Isolate (SN6) from a Naturally Infected Horse from Oregon	
KCI	32.	Fenger et al., Veterinary Parasitology 68 (1997) 199-213, Experimental induction of equine protozoal myeloencephalitis in horses using Sarcocystis sp. Sporocysts from the opossum (Didelphia virginiana)	
KSS	33.	Clara K. Fenger, Parasitology vol 19, no 4, April 1997, 513-523, Equine Protozoal Myeloencephalitis	
KSS	34.	Kisthardt et al., Equine Practice, vol 19, no 2, February 1997, 8-13, Equine Protozoal Myeloencephalitis	
KSS	35.	Divers et al., Supplement to Veterinary Medicine February 2000, 3-22, Equine protozoal myeloencephalitis: Recent advances in diagnosis and treatment	
KCS	36.	Saville et al., AAEP Proceedings, vol 41, 1995 220-221, Prevalence of Serum antibodies to Sarcocystis neurona in Horses in Ohio, 220-221	
KSS	37.	Saville et al., JAVMA, vol 210, No. 4, February 1997 519-524, Seroprevalence of antibodies to Sarcocystis neurona in horses residing in Ohio	
KCI	38.	Fenger et al., J Parasitology 8(16) 1995 916-919, Identification of Opossums (Didelphis Virigniana) as the Putative Definition Host of Sarcocystis Neurona	
KCA	39.	Reed et al., AAEP Proceedings vol 42 1996 75-79, Equine Protozoal Encephalomyelitis	
KCI	40.	Tanhauser et al., J Parasitology 85(2) 1999 221-228, Multiple DNA Markers Differentiate Sarcocystis Neurona and Sarcocystis Falcatula	
KSS	41.	Dubey et al., Int'l J Parasitology 28 1998 1823-1828, Isolation in immunodeficient mice of Sarcocystis neurona from opossum (Didelphis virginiana) faeces, and its differentiation from Sarcocystis falcatula	
KSS	42.	Marsh et al., J Parasitology 83(6) 1997 1189-1192, In Vitro Cultivation and Experimental Inoculation of Sarcocystis falcatula and Sarcocystis neurona Merozoites into Budgerigars (Melopsittacus undulatus)	
KSS	43.	Liang et al., Infection and Immunity vol 66 no.5 May 1998 1834-1838, Evidence that Surface Proteins Sn14 and Sn16 of Sarcocystis neurona Merozoites are Involved in Infection and Immunity	
KCA	44.	Wilson et al., Parasitology Today vol 14 No.9 1998 348-353, Iron Acquisition by Parasitic Protozoa	
KCA	45.	Granstrom et al., J Parasitology 78(5) 1992 909-912, Equine Protozoal Myelitis in Panamanian Horses and Isolation of Sarcocystis neurona	
KCI	46.	Marsh et al., J Parasitology vol 85 no.4 August 1999 750-757, Comparison of the Internal Transcribed Spacer, ITS-1, from Sarcocystis falcatula Isolates and Sarcocystis neurona	
KCA	47.	Gajadhar et al., J Parasitology 84(4) 1998 759-763, Prevalence of Toxoplasma Gondii in Canadian Market-Age Pigs	
KCA	48.	Fischer et al., J Parasitology 84(1) 1998 50-54, Characterization of Bovine Sarcocystis Species by Analysis of their 18S Ribosomal DNA Sequences	
KCA	49.	Fenger et al., JAVMA vol 210 No.7 April 1, 1997 923-927, Epizootic of Equine protozoal myeloencephalitis on a farm	
KCA	50.	I. G. Mayhew, Cornell Vet 65 500-511 (1975), Collection of Cerebrospinal fluid from the Horse	

Examiner Signature	<i>Kenela</i>	Date Considered	8/22/01
--------------------	---------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<p>Substitute for Form 144B/PTO OIPE JUL 19 2001 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>			<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/840,485</td> </tr> <tr> <td>Filing Date</td> <td>April 23, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Bigbie et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>to be assigned</td> </tr> <tr> <td>Examiner Name</td> <td>to be assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>AM100123</td> </tr> </table> <p>RECEIVED AUG 20 2001 TECH CENTER 1600/2900</p>		Application Number	09/840,485	Filing Date	April 23, 2001	First Named Inventor	Bigbie et al.	Group Art Unit	to be assigned	Examiner Name	to be assigned	Attorney Docket Number	AM100123
Application Number	09/840,485															
Filing Date	April 23, 2001															
First Named Inventor	Bigbie et al.															
Group Art Unit	to be assigned															
Examiner Name	to be assigned															
Attorney Docket Number	AM100123															
Sheet 1 of 1	3	of	3													

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
1cs	51.	Speer et al., J Parasitology 86(1) 2000 25-32, Comparative Development and Merozoite Production of Two Isolates of Sarcocystis Neurona and Sarcocystis Falcatula in Cultured Cells	
1cs	52.	Davis et al., J Parasitology 77(5) 1991 789-792, In Vitro Cultivation of Sacocystis neurona from the Spinal cord of a Horse with Equine Protozoal Myelitis	
1cs	53.	Dubey et al., J Parasitology 86(1) 2000 160-163, Isolation of Sarcocystis speeri Dubey and Lindsay, 1999 Parasite from the South American Opossum (<i>Didelphis albiventris</i>) from Argentina	
1cs	54.	Hamir et al., J Vet Diagn Invest 5:418-422 (1993), Immunohistochemical study to demonstrate Sarcocystis neurona in equine protozoal myeloencephalitis	
1cs	55.	Granstrom et al., J Vet Diagn Invest 5:88-90 (1993), Equine protozoal myeloencephalitis: antigen analysis of cultured Sarcocystis neurona merozoites	
1cs	56.	Dubey et al., J Parasitology 77(2) 1991 212-218, Sarcocystis Neurona N. SP. (Protozoa: Apicomplexa), the Etiologic Agent of Equine Protozoal Myeloencephalitis	
1cs	57.	Bentz et al., JAVMA vol 210 No.4 February 15, 1997, 517-518, Seroprevalence of antibodies to Sarcocystis neurona in horses residing in a county of southeastern Pennsylvania	
1cs	58.	Blythe et al., JAVMA vol 210 No.4 February 15, 1997, 525-527, Seroprevalence of antibodies to Sarcocystis neurona in horses residing in Oregon	
1cs	59.	Murrell et al., Vaccines; New Concepts & Developments, Ed. Heinz Kohler & Phillip T. Laverde Proceeding of the 10 th International Convention of Immunology, Buffalo, NY July 14-17 1986, pp 403-411, , Vaccines against animal parasites	
1cs	60.	Dubey et al., Sarcocystosis of Animals and Man, 1989, 1-115, by CRC Press Inc, Boca Raton, FL	
1cs	61.	Noble et al., Parasitology The Biology of Animal Parasites 5 th Edition, Lea & Febiger Philadelphia 1982, p-85, Phylum Apicomplexa	
1cs	62.	Gregory L. Ferraro, DVM, Equis Magazine 262, August 1999, EPM: A New Plan of Attack, 11-13	
1cs	63.	John B. Dame, AVMA Conference, New Orleans LA July 1999, EPM: possums, parasites and paresis, 522-525	
1cs	64.	Fayer et al., International Journal of Parasitology, 1987 vol 7(2) 615-620, Comparative Epidemiology of Coccidia: Clues to the Etiology of Equine Protozoal Myeloencephalitis	
1cs	65.	Equine Disease Quarterly, April 1998, vol 6, no.3 – 9 pages	
1cs	66.	Equine Disease Quarterly, July 1998, vol 6, no.4 – 6 pages	
1cs	67.	Dubey et al., Journal Vet Invest 5:467-471 (1993) Meningoencephalitis in mink associated with a Sarcocystis neurona-like organism.	
1cs	68.	Dubey et al., Journal Parasitology 82(1) 1996 172-174, A Sarcocystis neurona-like Organism Associated with Encephalitis in a Striped Skunk (<i>Mephitis mephitis</i>)	
1cs	69.	Marsh et al., Parasitology Res (1997) 83: 706-711, Experimental infection of nude mice as a model for Sarcocystis neurona-associated encephalitis	
1cs	70.	Christine Barakat, Equus Magazine (268) February 2000, pp 15-16, <i>Neospora Hughesi</i>	
1cs	71.	Gajadhar et al., Journal Parasitology 84(4), 1998 759-763, Prevalence of <i>Toxoplasma Gondii</i> in Canadian Market-Age Pigs	
1cs	72.	John Lyons, John Lyons' Perfect Horse March 2000, 22-24, Common Questions About EPM	
1cs	73.	Saville et al., JAVMA vol 217 No.8 October 2000, 1181-1185, Evaluation of risk factors associated with clinical improvement and survival of horses with equine protozoal myeloencephalitis	

Examiner Signature	<i>John Lyons</i>	Date Considered	<i>9/22/01</i>
--------------------	-------------------	-----------------	----------------

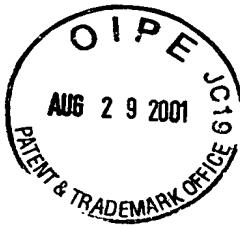
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 144B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
Sheet	1	of	1	Application Number	09/840,485	RECEIVED SEP 04 2001 TECH CENTER 1600/2900
				Filing Date	April 23, 2001	
				First Named Inventor	Bigbie et al.	
				Group Art Unit	1642	
				Examiner Name	to be assigned	
				Attorney Docket Number	AM100123	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number (If known)	Kind Code (If Known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office	Number			

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.				
<input checked="" type="checkbox"/>	1.	Ramey, David W., Equine Athlete, September/October 1997, pp 11-12, EPM: Research and Destroy				



Examiner Signature	<i>Cruehl</i>	Date Considered	9/22/01
--------------------	---------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.